APPLN. FILING DATE: JUNE 21, 2001

TITLE COLATED CATHEPSIN L TYPE CYSTEINE PROTEACES AND INTERCORNEOCYTE COHESION/PROMOTING DESQUAMATION THEREWITH

INVENTOR(S): DOMINIQUE BERNARD ET AL.

APPLICATION SERIAL NO: UNASSIGNED

SHEET 1 of 7

Profile of the acidic proteases extracted from the SC obtained by "scraping"

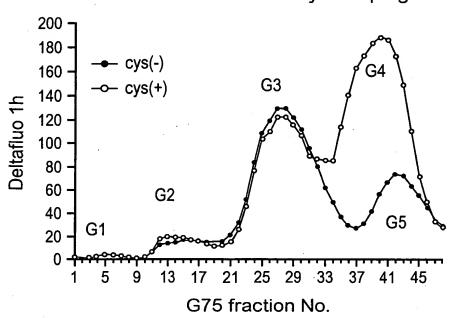
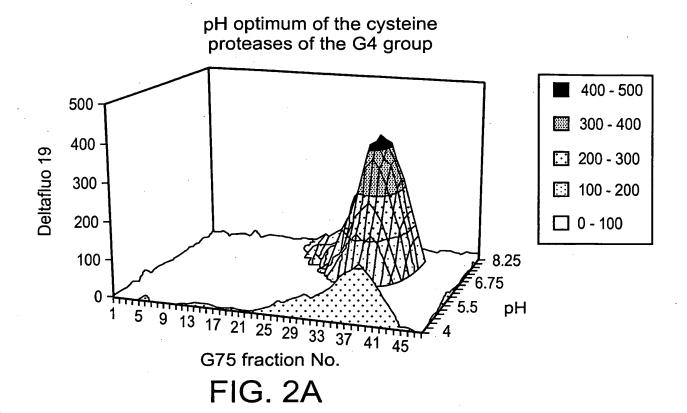


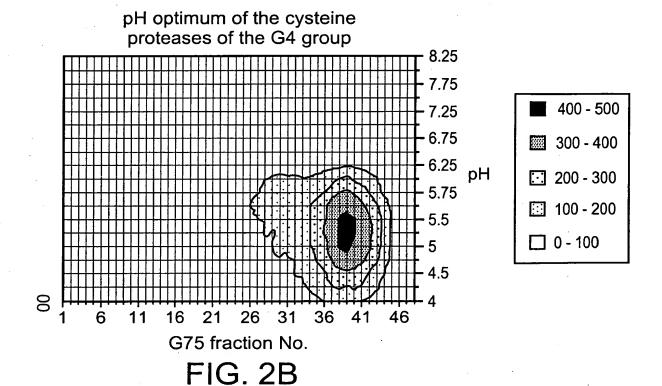
FIG. 1

APPLN. FILING DATE: JUNE 21, 2001

TWO ISOLATED CATHEPSIN L TYPE CYSTEINE PROPERTY OF AND RESOLATED CATHEPSIN L TYPE CYSTEINE PROPERTY OF AND RESOLATION THEREWITH INVENTOR(S): DOMINIQUE BERNARD ET AL.

APPLICATION SERIAL NO: UNASSIGNED SHEET 2 of 7





NG INTERCORNEOCYTE COHESION/PROMOTI

INVENTOR(S): DOMINIQUE BERNARD ET AL. APPLICATION SERIAL NO: UNASSIGNED

SHEET 3 of 7,

Cys ( + ) acidic proteases from the SC effect of E 64 at 1.4  $\mu M$ 

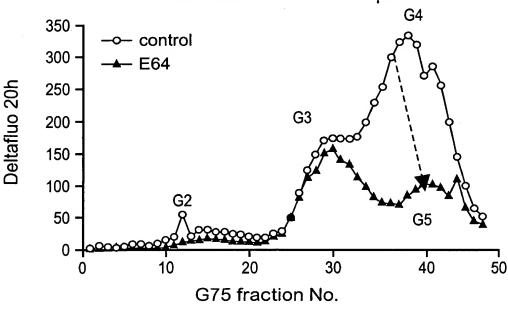


FIG. 3

Cys ( + ) acidic proteases from the SC effect of Leupeptin at 1  $\mu$ M

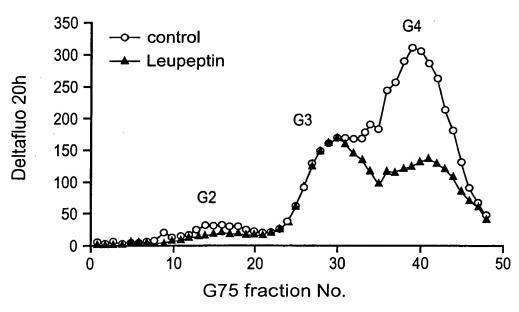


FIG. 4

UCING INTERCORNEOCYTE COHESION/PROM

QUAMATION THEREWITH

INVENTOR(S): DOMINIQUE BERNARD ET AL.
APPLICATION SERIAL NO: UNASSIGNED

SHEET 4 of 7

Cys ( + ) acidic proteases from the SC effect of chymostatin at 2.5  $\mu M$ 

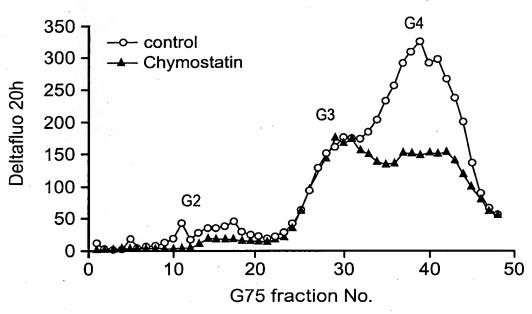
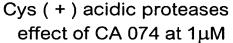


FIG. 5

UAMATION THEREWITH

Inventor(s): DOMINIQUE BERNARD ET AL. **APPLICATION SERIAL NO: UNASSIGNED** 

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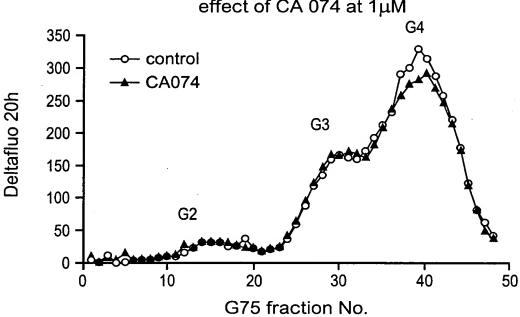


FIG. 6

Cys (+) acidic proteases from the SC effect of pepstatin at 1  $\mu$ M

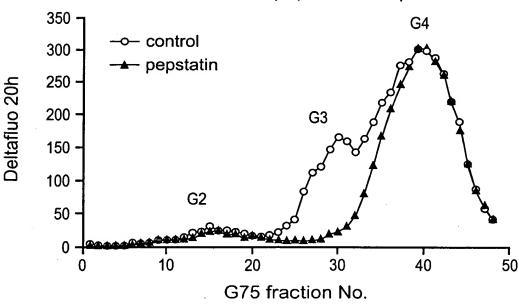


FIG. 7

APPLN. FILING DATE: JUNE 21, 2001
TYPLE: ISOLATED CATHEPSIN L TYPE CYSTEINE PROTEASES AND CING INTERCORNEOCYTE COHESION/PROMOT DEQUAMATION THEREWITH
INVENTOR(S): DOMINIQUE BERNARD ET AL.
APPLICATION SERIAL NO: UNASSIGNED
SHEET 6 of 7

Cys (+) acidic proteases specific substrate and nonspecific substrate

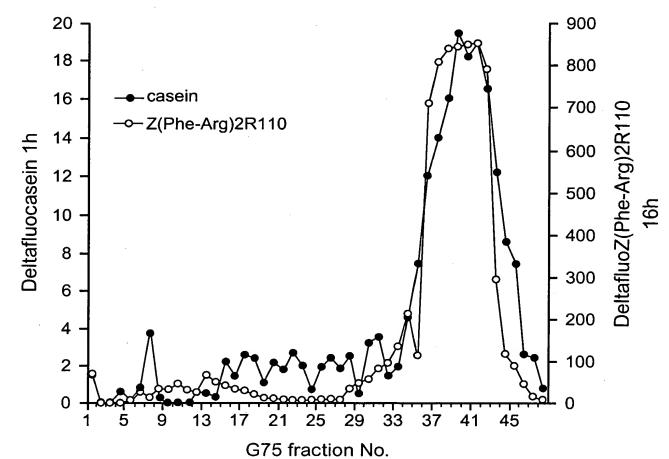


FIG. 8

APPLN. FILING DATE: JUNE 21, 2001

TITLE: ISOLATED CATHEPSIN L TYPE CYSTEINE PROTEASES AND CING INTERCORNEOCYTE COHESION/PROMOQUAMATION THEREWITH

INVENTOR(S): DOMINIQUE BERNARD ET AL.

APPLICATION SERIAL NO: UNASSIGNED

SHEET 7 of 7

## Chromatofocusing "CF4" SC extract

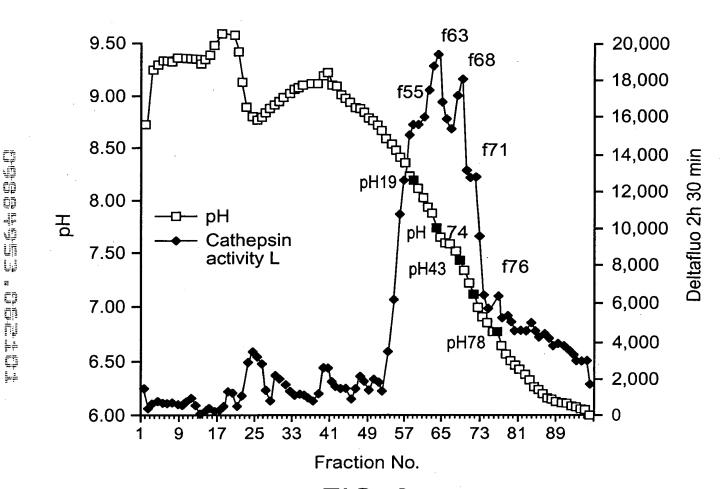


FIG. 9

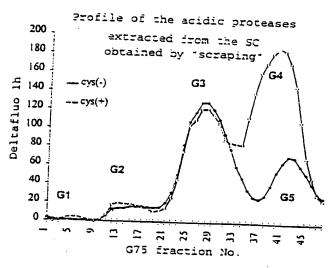


Figure 1

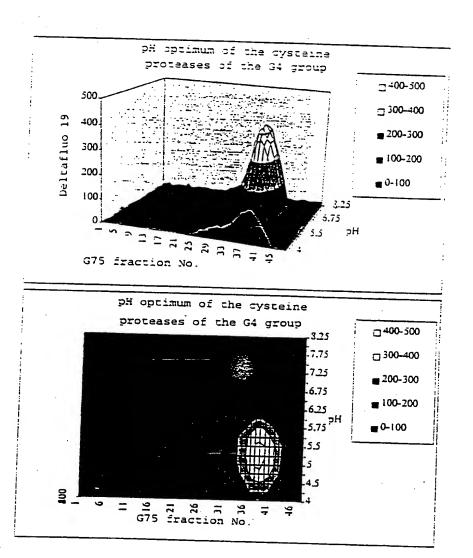


Figure 2

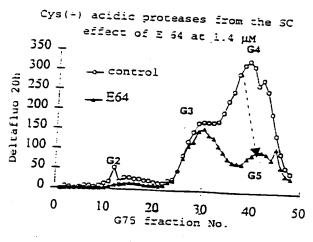


Figure 3

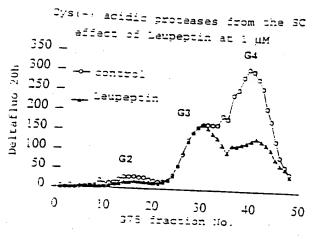


Figure 4

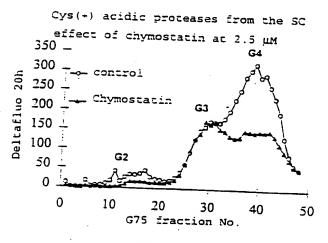


Figure 5

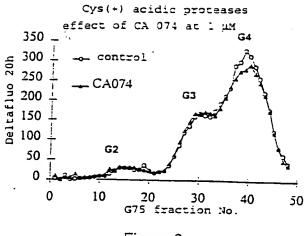


Figure 6

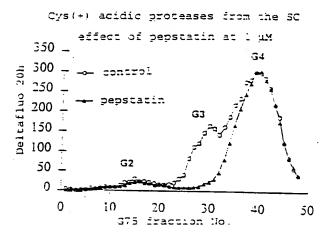


Figure 7

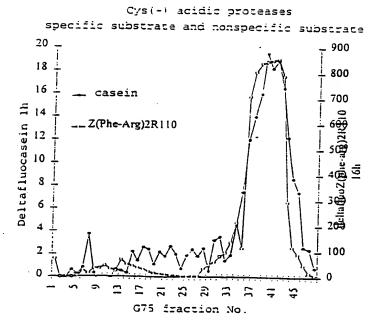


Figure 8

## Chromatofocusing "CF4" SC extract

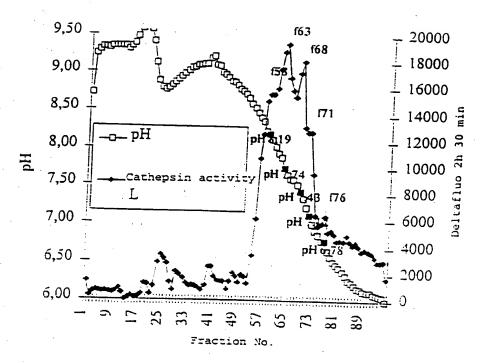


Figure 9